

Claim listing

1. (Currently amended) A conveyor chain having a plurality of links arranged in rows, each of said links including includes a top plate having a flat top surface, a front hinge portion, and a rear hinge portion, a central axis and side edges, provided on said top plate pin-connected to said front hinge portions portion of each said a link positioned on the front side thereof being pin connected and to a said rear hinge portions portion of an adjacent link, each of said links having a rear hinge portion positioned on the rear side thereof, edges adjacent to links positioned on the front and rear sides in said top plate and said front hinge portion of each said link includes consisting of a curved surface, characterized in that an angle of inclination is formed by a between said flat top surface of said link and including a tangential line which is tangential to said curved surface, with respect to said edge and said top surface of said top plate is formed to be said angle of inclination varies and becomes smaller as the distance it goes from the central axis of said link increases in its arrangement the direction toward a link side edge surface.

2. (Currently amended) A conveyor chain according to claim 1, characterized in that each of said links top plate includes dummy front hinges on both sides thereof of said link portion, each of edges adjacent to a link positioned on the front side in said front dummy hinges includes are each formed in a curved surface, said curvature of said curved surface of said front hinge varies as the distance from the central axis increases, and that an angle of inclination is formed between by a said flat top surface of said link and including a tangential line which is tangential to said curved surface, with respect to the

~~curved surface and said top surface of said top plate is formed to be~~ said angle of inclination varies and becomes smaller as the distance it goes from the central axis of said link increases in its arrangement the direction toward a link side edge surface.

3. (Withdrawn) A conveyor chain according to claim 1, characterized in that said top plate has a front edge arranged outside said link portion and slanted toward a link positioned on the rear side, an edge of said front edge, adjacent to a rear edge of a link positioned on the front side and that an angle of inclination formed by a flat surface including a tangential line with respect to the curved surface and said top surface of said top plate is formed to be smaller as it goes from the central axis of said link in its arrangement direction toward a link side surface.